

In the Claims

Please amend the claims as set forth below. This listing of claims will replace all prior versions and listings of claims in the Application:

1. – 18. (Cancelled)

19. (Currently amended) A control circuit including:

at least two input terminals for electrically connecting with at least two conductors of a power source;

at least two output terminals for electrically connecting with a load;

a sensor having a sensor relay having a single coil, that is the coil configured to be energized in response to a reference signal being within a predetermined range, the reference signal being derived from a voltage differential between one or more of the power source conductors and a floating reference point based on a reference conductor that is electrically isolated from the power source conductors and the at least two output terminals when in use, wherein the sensor provides a sensor signal in response to the sensor relay being energized; and

a switching device having a switching relay having a single coil, the coil configured to be that is responsive to the sensor signal for progressing between a first mode and a second mode wherein: in the first mode the input and output terminals are respectively electrically connected for allowing the load to receive power from the source via the switching relay; and in the second mode, the input and output terminals are electrically disconnected for preventing the source from supplying power to the load via the switching relay.

20. (Previously Presented) A circuit according to claim 19 wherein the sensor relay is a low voltage DC relay.

21. (Previously Presented) A circuit according to claim 20 wherein the switching relay is a mains voltage relay.

22. (Previously Presented) A circuit according to claim 20 wherein the switching relay is a DC voltage relay.
23. (Previously Presented) A circuit according to claim 19 wherein the sensor signal is:
an AC signal; or
derived from an AC signal.
24. (Cancelled)
25. (Currently Amended) A control circuit including:
at least two input terminals for electrically connecting with a power source;
at least two output terminals for electrically connecting with a load;
a switching relay having only one ~~a~~ switching coil, the switching coil configured to be ~~that is~~ selectively de-energised and energised to respectively progress the switching relay to a first mode and a second mode wherein: in the first mode the input and output terminals are respectively electrically connected for allowing the load to receive power from the source via the switching relay; and in the second mode, the input and output terminals are electrically disconnected for preventing the source from supplying power to the load via the switching relay; and
a sensor relay having only one sensor coil, the sensor coil being progressed to an energized state in response to a fault condition indicated by a reference voltage for energizing the switching coil, wherein the reference voltage is a voltage between either one of the input terminal or the output terminal and a reference conductor electrically isolated from the input and output terminals.
26. (Previously Presented) A circuit according to claim 25 wherein the sensor coil is a low voltage coil that is energised in response to the fault condition.
27. (Previously Presented) A circuit according to claim 26 wherein the low voltage coil is energised by a DC voltage.
28. (Currently Amended) A circuit according to claim 27 wherein the low voltage coil is energised by a DC voltage of greater than one Volt.

29. (Previously Presented) A circuit according to claim 25 wherein the switching relay has only one switching coil.
30. (Previously Presented) A circuit according to claims 25 wherein by progressing to the energized state, the switching relay de-energizes the sensor coil.
31. (Currently Amended) A control circuit including:
- at least two input terminals for electrically connecting with a power source;
 - at least two output terminals for electrically connecting with a load;
 - a switching relay having a single switching coil, the switching coil configured to be that ~~is~~-selectively energized in response to a signal to progress the relay between two modes wherein: in one of the modes the input and output terminals are respectively electrically connected for allowing the load to receive power from the source via the switching relay; and in the other mode, the input and output terminals are electrically disconnected for preventing the source from supplying power to the load via the switching relay; and
 - a sensor relay having a single sensor coil, the sensor coil for progressing to an energized state in response to a fault condition indicated by a reference voltage and providing the signal, wherein in the absence of a fault condition the circuit includes no coils that are energised.
32. (Previously Presented) A circuit according to claim 31 wherein the sensor coil is a low voltage coil that is energized in response to the fault condition.
33. (Previously Presented) A circuit according to claim 32 wherein the low voltage coil is energized by a DC voltage.
34. (Previously Presented) A circuit according to claim 33 wherein the DC voltage is greater than one volt.
35. (Cancelled)
36. (Cancelled)
37. (Cancelled)

38. (Previously Presented) A circuit according to claim 31 wherein by progressing to the energized state the switching relay de-energizes the sensor coil.